

Title (en)

MUTATIONS IN THE EXTRACELLULAR DOMAIN III OF EPIDERMAL GROWTH FACTOR RECEPTOR GENE

Title (de)

MUTATIONEN IN DIE EXTRAZELLULÄREN DOMÄNE III DES EPIDERMALEN WACHSTUMSFAKTOR-REZEPTORGENS

Title (fr)

MUTATIONS DANS LE DOMAINE EXTRACELLULAIRE III D'UN GÈNE DU RÉCEPTEUR DU FACTEUR DE CROISSANCE ÉPIDERMIQUE

Publication

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Application

**EP 14821676 A 20141230**

Priority

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Abstract (en)

[origin: WO2016015788A1] The invention relates to new identified mutations in the epidermal growth factor receptor gene, leading to amino acidic changes which highly correlate with the resistance to a therapy regimen comprising cetuximab. The invention includes peptide sequences and primers to detect the mutations, as well as kits for predicting the response of a subject to a therapy regime comprising cetuximab. In particular, the invention is useful in the therapy regimen applicable to metastatic colorectal cancer.

IPC 8 full level

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CPC (source: EP US)

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